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His Phe Ile	Asp Glu Gl	y Arg Asn 200	Ser Gly	Gly His Val 205	Phe Asp	Tyr						
Val Leu Glu . 210	Asp Cys Th	r Val Thr 215	Ile Ser	Gln Lys Met 220	Asn Met	Asn						
Leu Arg Leu 225	Pro Asn Th 23		Phe Phe	Asn Ala Asn 235	Leu Asp	Asn 240						
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att atg ctc Ile Met Leu 35			Ala Gln									
tac ttc cag Tyr Phe Gln 50												
gat gca ctg Asp Ala Leu 65	Cys Asn Ty											
aca ctg ctt Thr Leu Leu												
cca cag aat Pro Gln Asn	att gca ct Ile Ala Le 100	a aca aac u Thr Asn	ggc agc Gly Ser 105	cag agc gcg Gln Ser Ala	ttt ttc Phe Phe 110	tac 336 Tyr						
tta ttt aac Leu Phe Asn 115			Arg Ala									
gtg ctg ttc Val Leu Phe 130												

ctg Leu 145	gaa Glu	gaa Glu	gat Asp	ctg Leu	ttt Phe 150	gtc Val	tct Ser	gcg Ala	cgt Arg	ccg Pro 155	aat Asn	att Ile	gaa Glu	ctg Leu	ctg Leu 160	480
ccg Pro	gaa Glu	ggc Gly	cag Gln	ttt Phe 165	aaa Lys	tac Tyr	cac His	gtc Val	gat Asp 170	t <b>tt</b> Phe	gag Glu	cat His	ctg Leu	cat His 175	att Ile	528
ggc Gly	gaa Glu	gaa Glu	acc Thr 180	ggg Gly	atg Met	att Ile	tgc Cys	gtc Val 185	tcc Ser	cgg Arg	ccg Pro	acg Thr	aat Asn 190	cca Pro	aca Thr	576
ggc Gly	aat Asn	gtg Val 195	att Ile	act Thr	gac Asp	gaa Glu	gag Glu 200	ttg Leu	ctg Leu	aag Lys	ctt Leu	gac Asp 205	gcg Ala	ctg Leu	ggc Gly	624
aat Asn	caa Gln 210	cac His	ggc Gly	att Ile	ccg Pro	ctg Leu 215	gtg Val	att Ile	gat Asp	aac Asn	gct Ala 220	tat Tyr	ggc	gtc Val	ccg Pro	672
ttc Phe 225	ccg Pro	ggt Gly	atc Ile	atc Ile	ttc Phe 230	agt Ser	gaa Glu	gcg Ala	cgc A <b>r</b> g	ccg Pro 235	cta Leu	tgg Trp	aat Asn	ccg Pro	aat Asn 240	720
atc Ile	gtg Val	ctg Leu	tgc Cys	atg Met 245	agt Ser	ctt Leu	tcc Ser	aag Lys	ctg Leu 250	ggt Gly	cta Leu	cct Pro	ggc Gly	tcc Ser 255	cgc Arg	768
tgc Cys	ggc Gly	att Ile	atc Ile 260	atc Ile	gcc Ala	aat Asn	gaa Glu	aaa Lys 265	atc Ile	atc Ile	acc Thr	gcc Ala	atc Ile 270	acc Thr	aat Asn	816
atg Met	aac Asn	ggc Gly 275	att Ile	atc I <b>l</b> e	agc Ser	ctg Leu	gca Ala 280	cct Pro	ggc Gly	ggt Gly	att Ile	ggt Gly 285	ccg Pro	gcg Ala	atg Met	864
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gtc Val 305	atc Ile	aaa Lys	ccg Pro	ttt Phe	tac Tyr 310	tac Tyr	cag Gln	cgt Arg	gtt Val	cag Gln 315	gaa Glu	act Thr	atc Ile	gcc Ala	atc Ile 320	960
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										Gly						1104
GJ A Gaa	cac H <b>i</b> s 370	Asn	ttc Phe	ttc Phe	cca Pro	ggg Gly 375	ctg Leu	gat Asp	aaa Lys	ccg Pro	tgg Trp 380	ccg Pro	cat His	acg Thr	cat His	1152
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Gln Cys Met Arg Met Asn Tyr Val Pro Glu Pro Glu Lys Ile Glu Ala 390 ggg gtg aag att ctg gcg gaa gag ata gaa aga gcc tgg gct gaa agt 1248 Gly Val Lys Ile Leu Ala Glu Glu Ile Glu Arg Ala Trp Ala Glu Ser cac taa 1254 His <210> 71 <211> 417 <212> PRT <213> Escherichia coli <400> 71 Met Thr Phe Ser Leu Phe Gly Asp Lys Phe Thr Arg His Ser Gly Ile Thr Leu Leu Met Glu Asp Leu Asn Asp Gly Leu Arg Thr Pro Gly Ala Ile Met Leu Gly Gly Gly Asn Pro Ala Gln Ile Pro Glu Met Gln Asp Tyr Phe Gln Thr Leu Leu Thr Asp Met Leu Glu Ser Gly Lys Ala Thr Asp Ala Leu Cys Asn Tyr Asp Gly Pro Gln Gly Lys Thr Glu Leu Leu Thr Leu Leu Ala Gly Met Leu Arg Glu Lys Leu Gly Trp Asp Ile Glu Pro Gln Asn Ile Ala Leu Thr Asn Gly Ser Gln Ser Ala Phe Phe Tyr Leu Phe Asn Leu Phe Ala Gly Arg Arg Ala Asp Gly Arg Val Lys Lys 120 Val Leu Phe Pro Leu Ala Pro Glu Tyr Ile Gly Tyr Ala Asp Ala Gly 130 Leu Glu Glu Asp Leu Phe Val Ser Ala Arg Pro Asn Ile Glu Leu Leu 150 Pro Glu Gly Gln Phe Lys Tyr His Val Asp Phe Glu His Leu His Ile 170 165 Gly Glu Glu Thr Gly Met Ile Cys Val Ser Arg Pro Thr Asn Pro Thr 185 Gly Asn Val Ile Thr Asp Glu Glu Leu Leu Lys Leu Asp Ala Leu Gly 195 200 205 Asn Gln His Gly Ile Pro Leu Val Ile Asp Asn Ala Tyr Gly Val Pro 215

Phe Pro Gly Ile Ile Phe Ser Glu Ala Arg Pro Leu Trp Asn Pro Asn

230

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